

Remarks:

Reconsideration of the application is requested. Claims 1-42 and 45-46 are now in the application. Claim 1 has been amended, claims 43 and 44 have been cancelled. Claims 45 and 46 have been added. Claims 36-42 are withdrawn from further consideration.

More specifically, claim 1 has been amended to better define the invention as a product-by-process product. In other words, the language describing the process in which the greenfoils are stacked, with the intermediate application of the copper electrodes, best describes the end result. The end result is a monolithic structure which has alternating layers of ceramic and copper-containing electrodes. While we are mindful of the fact that product-by-process terminology is generally not afforded patentable weight, it is in this case indeed descriptive of the final product and the final product cannot otherwise be defined in relatively simple terminology.

Claim 45 has been added to provide a further claim that refers to the manufacture of the device and which goes to the core concept of the invention. The core concept, of course, is that it is possible with the novel product to sinter the stack after the metal electrode has been integrated, yet use relatively inexpensive copper for the electrode material.

Claim 46 has been added to further limit the elementary copper of claim 45 and to form the electrode virtually exclusively of copper.

None of the references of record, whether taken alone or in combination, either show or suggest the invention defined in claims 1 and 45.

For a specific discussion of the references Harada et al. and Kato et al. reference is had to the previously filed amendment. The previous remarks are herewith incorporated by reference.

It is believed that all of the claims are in condition for allowance. The entry of the amendment is respectfully solicited and it is believed to be justified as it simply clarifies definitions which have been of record and which have been considered by the Examiner. Should any further questions remain, the Examiner is requested to telephone counsel so that, if possible, patentable language may be agreed upon.

In view of the foregoing, the allowance of claims 1-42 and 45-46 is solicited.

Petition for extension is herewith made. The extension fee for response within a period of one (1) month pursuant to

Section 1.136(a) in the amount of \$110.00 in accordance with  
Section 1.17 is enclosed herewith.

Please charge any other fees which might be due with respect  
to Sections 1.16 and 1.17 to Deposit Account No. 12-1099 of  
Lerner and Greenberg, P.A..

Respectfully submitted,



For Applicants

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June 17, 2003

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Version with Markings to show Changes made in the Claims:

Claim 1 (twice amended). A piezoelectric device, comprising a monolithic multilayer form with a stack of at least two ceramic layers and an electrode layer set in between said two ceramic layers, wherein said electrode layer contains containing elementary copper layered in between two ceramic greenfoils and sintered together with said greenfoils to form said stack of said two ceramic layers and said electrode layer.